Appl. No. 10/668,916
Amdt. dated April 24, 2006
Reply to final office action of February 24, 2006

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): A method for developing traffic messages comprising:

obtaining data indicating traffic speed at a first location and a second location on a road, each of said locations assigned a unique location reference code;

comparing the data indicating traffic speed for said locations; and

if a difference between said compared traffic speed at said first location and said traffic speed at said second location is less than a threshold value, grouping said first and second location assigned said location reference codes into a congestion event.

Claim 2 (previously presented): The method of Claim 1 wherein said first location and said second location assigned said location reference codes grouped into said congestion event are contiguous along said road.

Claim 3 (previously presented): The method of Claim 1 wherein said first location and said second location grouped into said congestion event are located within a predetermined distance of one another.

Claim 4 (previously presented): The method of Claim 1 wherein said congestion event comprises a beginning location reference code and a number of following location reference codes.

Claim 5 (original): The method of Claim 1 wherein said congestion event comprises a direction.

Claim 6 (previously presented): The method of Claim 1 wherein said congestion event comprises a beginning location reference code and a end location reference code.

Claim 7 (currently amended): The method of Claim 1 wherein said congestion event comprises a congestion speed value representative of the traffic speeds of the grouped first location and second location ~~assigned said location reference codes~~.

Claim 8 (currently amended): The method of Claim 1 wherein said congestion event comprises an average speed of the grouped first location and second location ~~assigned said location reference codes~~.

Claim 9 (previously presented): The method of Claim 1 wherein said congestion event comprises a congestion event code representing a level of congestion corresponding to said traffic speeds.

Claim 10 (previously presented): The method of Claim 1 further comprising obtaining data indicating an expected duration of said traffic speed at said first location and said second location.

Claim 11 (previously presented): The method of Claim 10 wherein said congestion event comprises a duration indicating when said traffic speeds are expected to change.

Claim 12 (original): The method of Claim 1 further comprising transmitting said congestion event as a traffic message.

Claim 13 (previously presented): The method of Claim 1 further comprising:

obtaining data indicating traffic speed at a third location, said first, second and third locations are located along said road;

comparing the traffic speed of said second location to the traffic speed of said third location; and

if a difference between said traffic speed of said second location and the traffic speed of said third location is less than said threshold value, grouping said third location into said congestion event.

Claim 14 (previously presented): A method for developing traffic messages comprising:

using a plurality of location reference codes assigned to a plurality of locations along a road;

obtaining data indicating traffic speed at said locations represented by said location reference codes;

comparing data indicating traffic speed at two of said locations;

if said compared traffic speeds differ by less than a predetermined value, aggregating said location reference codes representing said compared locations, wherein said aggregated location reference codes representing contiguous locations along said road; and

creating a traffic message from said aggregated location reference codes.

Claim 15 (previously presented): The method of Claim 14 wherein said congestion event comprises a beginning location reference code and a number of following location reference codes having said traffic speeds differing by less than said predetermined value.

Claim 16 (previously presented): The method of Claim 14 wherein said congestion event comprises a beginning location reference code and a end location reference code.

Claim 17 (original): The method of Claim 14 wherein said congestion event comprises a congestion speed value representative of said speeds of the aggregated location reference codes.

Claim 18 (previously presented): The method of Claim 14 wherein said congestion event comprises a congestion event code representing a congestion level corresponding to said traffic speeds of said aggregated location reference codes.

Claim 19 (original): A method for developing traffic messages comprising:

obtaining data indicating traffic speed at a first location, at a second location, and at a third location, said first, second and third locations are located along a road;

comparing the traffic speed of said first location to the traffic speed of said second location;

if a difference between said the traffic speed of said first location and the traffic speed of said second location is within a threshold value,

grouping the first location and the second location into a congestion event;

comparing an average traffic speed of said first location and said second location to the traffic speed of said third location:

if a difference between said average traffic speed and the traffic speed of said third location is within said threshold value, and

grouping said third location into said congestion event.

Claim 20 (original): The method of Claim 19 therein said congestion event comprises a congestion speed value representative of said speeds of said grouped locations.

Claim 21 (original): The method of Claim 19 wherein said congestion event comprises a congestion event code.

Claim 22 (original): The method of Claim 19 further comprising obtaining data indicating durations of said traffic speed at said first location, said second location and said third location; and said congestion event comprises a congestion duration indicating when said traffic speed of one of said grouped locations is expected to change.

Claim 23 (previously presented): A method of developing traffic messages comprising:

obtaining data indicating traffic flow at a plurality of locations on a road network;

comparing data indicating traffic flow at two of said locations; and

if said compared traffic flow differ by less than a predetermined value, aggregating said compared locations into at least one congestion event along said road.

Page 5 of 9